

| | L # | Hits | Search Text | DBs | Errors |
|---|-----|---------|--|--|--------|
| 1 | L1 | 104709 | reconstruct\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 2 | L2 | 472608 | three-dimensiona\$5 or 3D or 3-D or three dimension\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 3 | L3 | 268742 | x-ray | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 4 | L4 | 5861 | back projecti\$5 or back-projecti\$5 or backprojecti\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 5 | L5 | 1867453 | filter\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 6 | L6 | 116 | digital with tomosynth\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |
| 7 | L7 | 29 | 1 and 2 and 3 and 4 and 5 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | |

| | Document ID | Title | Current OR | Current XRef | Inventor |
|---------------|---------------|---|------------|---------------------------------|--|
| <u>18</u> | US 6744848 B2 | Method and system for low-dose three-dimensional imaging of a scene | 378/55 | 378/37; 378/62 | Stanton; Martin et al. |
| 19 | US 6724856 B2 | Reprojection and backprojection methods and algorithms for implementation thereof | 378/62 | 378/98 | De Man; Bruno Kristiaan Bernard et al. |
| rel <u>20</u> | US 6707878 B2 | Generalized filtered back-projection reconstruction in digital tomosynthesis | 378/22 | 378/210; 378/4 | Claus; Bernhard Erich Hermann et al. |
| 21 | US 6674835 B2 | Methods and apparatus for estimating a material composition of an imaged object | 378/53 | 378/207; 378/56 | Kaufhold; John Patrick et al. |
| 22 | US 6632020 B2 | Method and apparatus for calibrating an imaging system | 378/207 | 378/51 | Kaufhold; John Patrick et al. |
| 23 | US 6549607 B1 | Method and system for creating task-dependent three-dimensional images | 378/8 | 378/21; 378/94 | Webber; Richard L. |
| <u>24</u> | US 6442288 B1 | Method for reconstructing a three-dimensional image of an object scanned in the context of a tomosynthesis, and apparatus for tomosynthesis | 382/128 | 382/100 | Haerer; Wolfgang et al. |
| 25 | US 6292530 B1 | Method and apparatus for reconstructing image data acquired by a tomosynthesis x-ray imaging system | 378/22 | 378/25; 378/901 | Yavus; Mehmet et al. |
| <u>26</u> | US 6256370 B1 | Method and apparatus for performing tomosynthesis | 378/22 | 378/4; 378/901 | Yavuz; Mehmet |
| 27 | US 6196715 B1 | X-ray diagnostic system preferable to two dimensional x-ray detection | 378/197 | 378/11; 378/205; 378/98.8 | Nambu; Kyojiro et al. |
| 28 | US 6081577 A | Method and system for creating task-dependent three-dimensional images | 378/23 | 378/62; 378/98.12 | Webber; Richard L. |
| 29 | US 6002739 A | Computed tomography with iterative reconstruction of thin cross-sectional planes | 378/8 | 378/21; 378/901 | Heumann; John M. |

| | Document ID | Title | Current OR | Current XRef | Inventor |
|-------------------|-------------------|---|------------|------------------------------|--------------------------------------|
| 1 | US 20050047636 A1 | System and method for performing auto-focused tomosynthesis | 382/131 | 378/4; 382/255 | Gines, David et al. |
| 2 | US 20050002550 A1 | Imaging chain for digital tomosynthesis on a flat panel detector | 382/131 | | Jabri, Kadri N. et al. |
| rel 3 | US 20040264636 A1 | LINEAR TRACK BASED DIGITAL TOMOSYNTHESIS SYSTEM AND METHOD | 378/26 | | Claus, Bernhard Erich Hermann et al. |
| rel 4 | US 20040264634 A1 | Fourier based method, apparatus, and medium for optimal reconstruction in digital tomosynthesis | 378/21 | 378/22 | Claus, Bernhard Erich Hermann et al. |
| 5 | US 20040120564 A1 | Systems and methods for tomographic reconstruction of images in compressed format | 382/131 | 382/240 | Gines, David Lee |
| 6 | US 20040109529 A1 | FULL FIELD DIGITAL TOMOSYNTHESIS METHOD AND APPARATUS | 378/23 | | Eberhard, Jeffrey Wayne et al. |
| 7 | US 20030194121 A1 | Computer aided detection (CAD) for 3D digital mammography | 382/132 | | Eberhard, Jeffrey Wayne et al. |
| 8 | US 20030194051 A1 | Tomosynthesis X-ray mammogram system and method with automatic drive system | 378/37 | 378/197 | Wang, Yu et al. |
| 9 | US 20030194050 A1 | Multi modality X-ray and nuclear medicine mammography imaging system and method | 378/37 | | Eberhard, Jeffrey Wayne et al. |
| rel 10 | US 20030194049 A1 | Generalized filtered back-projection reconstruction in digital tomosynthesis | 378/22 | | Claus, Bernhard Erich Hermann et al. |
| 11 | US 20030095624 A1 | Dose management system for mammographic tomosynthesis | 378/37 | | Eberhard, Jeffrey Wayne et al. |
| 12 | US 20030072417 A1 | Method and apparatus for calibrating an imaging system | 378/207 | 378/37 | Kaufhold, John Patrick et al. |
| 13 | US 20030072409 A1 | Methods and apparatus for estimating a material composition of an imaged object | 378/53 | | Kaufhold, John Patrick et al. |
| rel 14 | US 6862337 B2 | Linear track based digital tomosynthesis system and method | 378/26 | 378/22; 378/23 | Claus; Bernhard Erich Hermann et al. |
| 15 | US 6801597 B2 | Method and system for creating task-dependent three-dimensional images | 378/62 | 378/23; 378/8; 378/901 | Webber; Richard L. |
| 16 | US 6751285 B2 | Dose management system for mammographic tomosynthesis | 378/37 | | Eberhard; Jeffrey Wayne et al. |
| rel 17 | US 6751284 B1 | Method and system for tomosynthesis image enhancement using transverse filtering | 378/22 | 378/21; 378/901 | Claus; Bernhard Erich Hermann et al. |